JENTRONICS
Electronic Components & Industrial Controls

SPRING SPECIALS

20 YEARS ANNIVERSARY

JENTRONICS • 15 Weston Court, Burnside Industrial Park, Dartmouth, NS B3B 2C8
Phone: (902) 468-7987 • **Toll Free:** (800) 456-6598 • **Fax:** (902) 468-3430 • www.jentronics.ca • info@jentronics.ca

Get out there - and see where you're going.

Rugged Lighting for Industrial/Marine/Off-Road & Personal Use.

17" Rugged Aluminum Die Cast 108W Dual Row LED Light Bar

- Voltage:12-30Vdc
- Operating Lumens Output: 7560lm
- LED: 36pcs 3W (Cree LED)
- Beam type: Flood Beam
- LED color temperature: 6000K
- Working life: 50000 hours
- Working temperature: -40~ 85
- Size: 438 x 73 x 107mm
- Dust and Waterproof: IP68 Rated

PN# JT21X108W>J06

$259.00

5" Rugged Aluminum Die Cast 48W LED Work Light

- Voltage:12-30V
- LEDs: 16pcs 3W (Cree LED)
- Operating Lumens Output: 3450lm
- Working life: 50000 Hours
- LED color temperature: 6000K
- Beam type: Flood beam
- Size: 125 x 155 x 88mm
- Dust and waterproof: IP67 Rated

PN# JT5X48W>J06

$135.00

2" Rugged Aluminum Die Cast 10W LED Work Light

- Voltage:12-48V
- Operating Lumens Output: 720lm
- LEDs: 1pc 10W (Cree LED)
- Size: 57 x 65 x 86mm
- LED color temperature: 6000K
- Beam Type: Flood Beam
- Working life: 50000 Hours
- Dust and waterproof: IP67 Rated

PN# JT2X10W>J06

$50.00

Multi-Purpose Dual-Light™ Work Light – Rechargeable

- 3 modes – Spotlight, Floodlight & Dual-Light™
- Bright white LEDs with a 35,000 hour life
- Dual-Switch design – top for the spotlight, bottom for the floodlight
- Flat bottom base make it possible to stand the light up for hands-free use
- Ergonomic and comfortable to hold
- Nickel Metal Hydride (NiMH) battery
- Includes AC & DC power supply/charger

PN# 769720

Reg. $69.95

$59.95

SAVE $10

Virtually Indestructible LED 6AA Spotlight

- 500 Lumen* High Performance LED
- 3 light modes: High, Medium & Low
- ANSI IPX7 Waterproof Submersible
- 15-Foot Drop Tested
- 10-hour battery runtime on High
- 360 meter beam distance on High
- Shatterproof lens & reflector
- Over-mold rubber head

PN# OT6AASP-B

Reg. $49.99

$39.99

SAVE $10

Virtually Indestructible LED 3D Lantern

- 400 Lumen High Performance LED
- 3 light modes: High, Medium & Low
- ANSI IPX7 Waterproof Submersible
- 15-Foot Drop Tested
- 280-hour battery runtime on Low
- 13 meter beam distance on High
- Shatterproof lens & reflector
- Over-mold rubber head

PN# OT3DLN-B

Reg. $44.99

$34.99

SAVE $10

Think global, act local

TURCK

CHARTWELL

Proximity Sensors

- UPROX+
  up to 100mm sensing range
- Capacitive
- Magnetic

A WORLD FIRST

Contactless Encoder

- Absolute single/multiturn SSI interface
  programmable 25-bit Gray coded
- Absolute singleturn analog interface (U/I)
- Incremental, up to 5000ppr programmable

Inclinometer

- ±10° ±45° ±60° ±85°
- 360° Programmable
- Analog & discrete output

Pressure Sensors

- Programmable
- Discrete & Analog output
- Up to 8700PSI
- Pressure Transmitter

Temperature Sensor & Probe

- Discrete & Analog output
- RTD probe with built in analog output
- Miniature Temperature transmitters

Flow Sensors

- Discrete & Analog output
- Adjustable
- No moving part

Linear Position

- Up to 1M programmable
- 0-10Vdc & 4-20ma

Cordsets

- M5, M8, M12...M40
- PVC, PUR, TPE...
- Highflex, Spiral...
- IP67, IP68, IP69K
- Deutsch & Amphenol connectors
- Custom cables
- Network Cables
- Junction box
- Field Wireable

Rotary Position

- 360° programmable
- 0-10Vdc & 4-20ma

PHONE: (902) 468-7987 · TOLL FREE: (800) 456-6598 · FAX: (902) 468-3430

ULTRASONIC SENSORS

CARLO GAVAZZI

M18 Plastic Housing

- Cylindrical M18 PBT housing • 50-2200 mm sensing distance • 5 to 30 VDC power supply
- Normal switching or adjustable hysteresis • IP 67 protection • 2 m cable or M12 plug
- Short-circuit, reverse polarity and overvoltage protected • Digital outputs or analogue + digital outputs

M18 Stainless Steel Housing

- Cylindrical M18 Stainless Steel INOX AISI 316L housing • 50-500 mm sensing distance
- 5 to 30 VDC power supply • Normal switching or adjustable hysteresis
- Short-circuit, reverse polarity and overvoltage protected • IP 67 protection • 2 m cable or M12 plug
- Digital outputs or analogue + digital outputs

M30 Plastic Housing

- Cylindrical M30 PBT housing with front Ø40 • 250-6000 mm sensing distance
- 12 (15) to 30 VDC Power supply • Short-circuit, reverse polarity and overvoltage protected
- IP 67, Nema 4X protected • 2 m cable or M12 plug • Digital outputs or analogue + digital outputs

M30 Stainless Steel Housing

- Cylindrical M30 Stainless Steel INOX AISI 316L housing • 350-3500 mm sensing distance
- 12 (15) to 30 VDC Power supply • Short-circuit, reverse polarity and overvoltage protected
- IP 67 protected • 2 m cable or M12 plug • Digital outputs or analogue + digital outputs

Plastic

			2 x Digital outputs		Analogue + Digital output			
			M18	M30	M18		M30	
Connection	Output	Distance	UA18CAD...	UA30CAD...	UA18CAD...		UA30CAD...	
Cable	NPN	50 - 400 mm	04NPTI		04NGTI	04NKTI		
		100 - 900 mm	09NPTI		09NGTI	09NKTI		
		200 - 2200 mm	22NPTI		22NGTI	22NKTI		
		350 mm - 3500 mm	35NPTI	35NPTI	35NGTI	35NKTI	35NGTI	35NKTI
		350 mm - 6000 mm		60NPTI			60NGTI	60NKTI
	PNP	50 - 400 mm	04PPTI		04PGTI	04PKTI		
		100 - 900 mm	09PPTI		09PGTI	09PKTI		
		200 - 2200 mm	22PPTI		22PGTI	22PKTI		
		350 mm - 3500 mm		35PPTI			35PGTI	35PKTI
		3500 mm - 6000 mm		60PPTI			60PGTI	60PKTI
Plug	NPN	50 - 400 mm	04NPM1TI		04NGM1TI	04NKM1TI		
		100 - 900 mm	09NPM1TI		09NGM1TI	09NKM1TI		
		200 - 2200 mm	22NPM1TI		22NGM1TI	22NKM1TI		
		350 mm - 3500 mm		35NPM1TI			35NGM1TI	35NKM1TI
		350 mm - 6000 mm		60NPM1TI			60NGM1TI	60NKM1TI
	PNP	50 - 400 mm	04PPM1TI		04PGM1TI	04PKM1TI		
		100 - 900 mm	09PPM1TI		09PGM1TI	09PKM1TI		
		200 - 2200 mm	22PPM1TI		22PGM1TI	22PKM1TI		
		350 mm - 3500 mm		35PPM1TI			35PGM1TI	35PKM1TI
		350 mm - 6000 mm		60PPM1TI			60PGM1TI	60PKM1TI

Stainless Steel

			2 x Digital outputs		Analogue + Digital output			
			M18	M30	M18		M30	
Connection	Output	Distance	UA18EAD...	UA30EAD...	UA18EAD...		UA30EAD...	
Cable	NPN	50 - 400 mm	04NPTI		04NGTI	04NKTI		
		100 - 900 mm	09NPTI		09NGTI	09NKTI		
		200 - 1500 mm	15NPTI		15NGTI	15NKTI		
		350 mm - 3500 mm		35NPTI			35NGTI	35NKTI
	PNP	50 - 400 mm	04PPTI		04PGTI	04PKTI		
		100 - 900 mm	09PPTI		09PGTI	09PKTI		
		200 - 1500 mm	15PPTI		15PGTI	15PKTI		
		350 mm - 3500 mm		35PPTI			35PGTI	35PKTI
Plug	NPN	50 - 400 mm	04NPM1TI		04NGM1TI	04NKM1TI		
		100 - 900 mm	09NPM1TI		09NGM1TI	09NKM1TI		
		200 - 1500 mm	15NPM1TI		15NGM1TI	15NKM1TI		
		350 mm - 3500 mm		35NPM1TI			35NGM1TI	35NKM1TI
	PNP	50 - 400 mm	04PPM1TI		04PGM1TI	04PKM1TI		
		100 - 900 mm	09PPM1TI		09PGM1TI	09PKM1TI		
		200 - 1500 mm	15PPM1TI		15PGM1TI	15PKM1TI		
		350 mm - 3500 mm		35PPM1TI			35PGM1TI	35PKM1TI

Contact a Jentronics sales representative for a quote today!

CIRCUIT-TEST

Single Output - Switching Power Supply

SAVE $50

- (36VDC/10A)
- Remote Programmable

PN# PSC-6336

Reg. $395.00

$345.00

DMM

- Basic
- Compact
- Manual Ranging

PN# DMR-6000

Reg. $44.00

$32.50

SAVE 20%

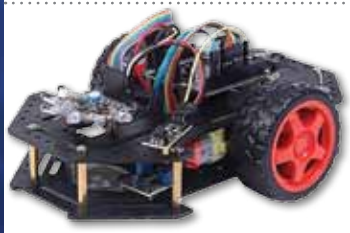
DC-DC, 18-38VDC, 13.2VDC, 18 Amp Continuous

PN# PDC-6218

Reg. $98.00

$88.00

SAVE $10



OSEPP™ 101 Robotics Basic Kit

(One of the 'coolest' looking kits in the Arduino market. Custom designed aluminum chassis with a nice protective black coat that prevents the surface from scratching and oxidizing. The strategically placed holes on the chassis allows you to easily attach more sensors or other devices to the frame for more functions. Kit comes with everything you need to make your own autonomously operating robot. It is smart enough to 'chase' after the brightest light in the room. With this function, you can use a flash light as your remote! If you prefer using an IR remote, that works too. Lessons will teach how to use two IR detectors to give the robot object avoidance ability. The 100 page manual comes with exciting lessons, great information and codes. Built on the 'open-source electronics prototyping platform', and compatible with existing Arduino software libraries.

PN# ROB-01

Reg. $149.95

$134.95

SAVE $15

OSEPP™ 201 Arduino Basic Starter Kit

Discover Arduino through fun and easy lessons. This starter kit comes with OSEPP Uno R3 plus board which is the basic starter board. It serves as a great starting point to the wonderful world of Arduino. Kit comes with step-by-step instructions with diagrams and whole bunch of parts to build 15 projects across 8 categories; Temperature, Light, LEDs, Sound, Ultrasonic, Servo Motors, Stepper Motors and LCD. Built on the 'open-source electronics prototyping platform', and compatible with existing Arduino software libraries.

PN# ARD-02

Reg. $99.95

$84.95

SAVE $15

Fuel Cell Motorcycle Kit

The kit demonstrates clean energy and the concept of an environmentally friendly fuel cell motorcycle. A great chance for children to learn about alternative energy sources. Just add salt water to power it. Once the fuel cell module is activated with the salt water, it can power the motorcycle car for about 4 hours continuously. Comes as a kit.

PN# CKR-145

Reg. $28.95

$23.95

SAVE $5

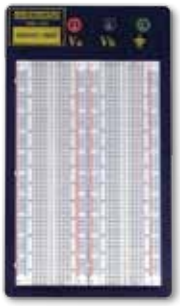
Breadboard

- 130x215mm
- 1660 Holes

PN# MB-104

Reg. $19.99

$15.99



Breadboard

- 210x240mm
- 3220 Holes

PN# MB-108

Reg. $39.95

$31.95

SAVE 20%

Hookup Wire Kit

- Assorted - 6 Colours
- 22AWG

SAVE 20%

Solid

PN# 10-HS22K6-25

Reg. $29.95

$24.95

Stranded

PN# 10-HT22K6-2

Reg. $29.95

$24.95

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NEW

Power and productivity for a better world™

ABB

PSTX Series Soft Starters

The PSTX combines many years of research and product development with extensive knowledge of application specific requirements and needs. The PSTX is our latest advancement in motor control and protection and adds new functionality with increased reliability to any motor starting application.

Main benefits

- Secure motor reliability
- Improve installation efficiency
- Increase application productivity

Main features

- Three-phase controlled
- Operational voltage: 208-690 V AC
- Wide rated control supply voltage: 100-250 V, 50/60 Hz
- Rated operational current: 30-370 A (inside-delta: 640 A)
- Coated circuit boards
- Torque control for excellent control of pumps

Since 1956

CAIG LABORATORIES, INC.

DeoxIT®'s environmentally friendly products were conceived to deliver superior cleaning, lubrication and protection to ensure optimal performance of electronic, electrical and mechanical components.

Deoxit® D5

Bring old systems back to life! More than a contact cleaner. Chemically improves all electronic connections.

PN# D5S-6F

Reg. $19.98

$17.98

Deoxit® Gold G5

Maintain new system performance! Enhances, lubricates and protects electronic connections (Ideal for GOLD surfaces)

PN# G5S-6

Reg. $27.99

$25.99

Deoxit® Shield S5

Maintain new system performance for severe environments! Protects & lubricates electronic connections.

PN# S5S-6

Reg. $21.95

$19.95

Deoxit® Faderlube F5

Cleaner and lubricant for conductive plastic faders & controls.

PN# F5S-H6

Reg. $20.95

$18.95

Savings Without Sacrifice

YOUR COMPLETE TOOL & ACCESSORY SOURCE

902-466
Focus+ CREE LED Headlamp

- 100 lumens
- Adjustable beam
- 6 Light modes
- Water resistant
- 3 LEDs
- 6+ hours battery
- Uses 2 AA size batteries (not included)

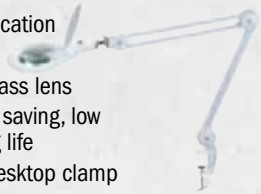
$25.95 Reg. $29.95

902-467
Sensor+ CREE LED Headlamp

- 100 lumens
- 130M beam distance
- 4 light modes
- Waterproof 1M
- Corrosion proof
- Lock-out function
- Uses 3 AAA size batteries (not included)

$29.95 Reg. $34.95

MA-1209LA
LED Table Clamp Magnifier Lamp



- 5D (2 25X) magnification
- Light: AC110V
- Scratch resistant glass lens
- 90 LEDs for energy saving, low temperature & long life
- Standard mount: desktop clamp
- Clamps easily & securely onto most flat surfaces up to 2-56" thick

$105.95 Reg. $115.95

902-108
Table-top Desk Magnifier Light

- Easy swivel lens
- Adjustable joint arm for easy positioning
- Energy efficient & super bright
- Liftable lens-protection cover
- Lens material: glass
- Light: AC120V 60Hz T4 12W circular fluorescent lamp supplied with electronic ballast

$49.95 Reg. $62.95

MA-016
Personal Magnifier

- Flexible lens combination for higher magnification
- Detachable LED light device
- Adjustable tilt degree of light & lens
- Belt size can be adjusted freely

$23.95 Reg. $28.95

SD-9824
25-in-1 Precision Ratchet Screwdriver

- PH1, PH0, PH00, PH000
- 1.5, 2.0, 3.0, 4.0
- PZ#1, PZ#0
- T5H, T6H, T7H, T8H, T9H, T10H, T15H, T20H
- H1.5, H2.0, H2.5, H3.0, H3.5, H4.0

$39.95 Reg. $45.95

902-213
7 Pc 1000V Insulated Screwdriver Set

- 0.4 x 2.5
- 0.5 x 3.0
- 1.0 x 5.5
- 1.2 x 6.5
- PH0
- PH1
- PH2

$49.95 Reg. $55.95

500-037
Terminal Crimp Kit

- Ratcheted crimper
- Ring insulated terminal (22-16 AWG & stud size: #6) x 50 pcs
- Ring insulated terminal (16-14 AWG & stud size: #8) x 40 pcs
- Ring insulated terminal (12-10 AWG & stud size: #10) x 20 pcs
- Butt splice insulated (22-16 AWG) x 30 pcs
- Butt splice insulated (16-14 AWG) x 20 pcs
- Butt splice insulated (12-10 AWG) x 15 pcs

$69.95 Reg. $79.95

MT-1710
3-3/4 Auto Range Multimeter

- 3-3/4 true RMS multimeter with 3999 counts
- Ideal for a wide variety of electrical & electronic testing applications
- Large backlit LCD display for easy reading

$79.95 Reg. $89.95

MT-1705
3-1/2 Compact Digital Multimeter

- 3-1/2 true RMS multimeter with 1999 counts
- Ideal for a wide variety of electrical & electronic testing applications
- Large backlit LCD display for easy reading

$49.95 Reg. $59.95

902-355
Heat Shrink Tubing - Black

- 160 pieces: 4" lengths
- 1/16" - 60 pcs
- 3/32" - 35 pcs
- 1/8" - 25 pcs
- 3/16" - 20 pcs
- 1/4" - 10 pcs
- 3/8" - 10 pcs

$12.95 Reg. $16.95

902-460
Heat Shrink Tubing - Assorted Colors

- 160 pieces: 4" lengths
- 1/16" - 60 pcs
- 3/32" - 35 pcs
- 1/8" - 25 pcs
- 3/16" - 20 pcs
- 1/4" - 10 pcs
- 3/8" - 10 pcs

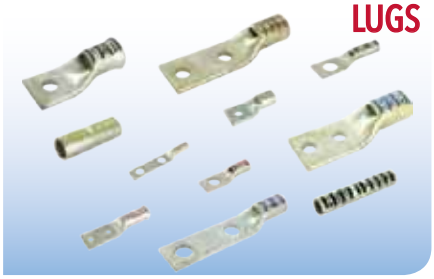
Reg. $19.95
$14.95

WIRE MANAGEMENT & CONTROL PRODUCTS

TERMINALS

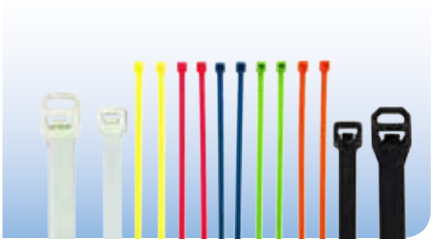
Nylon & PVC insulated colour coded barrel styles offer the ultimate in high-performance terminal design and construction. Tin-plated brass sleeve strengthens barrel and secures wire to protect against stress and high vibration.

LUGS



Seamless, one piece, pure copper construction with tin plating assures maximum conductivity. Generous entrance chamfer provides easy cable insertion. Inspection window insures full insertion. Catalogue number and conductor size marked on every piece insures positive identification.

CABLE TIES



Techspan cable ties are manufactured from high quality nylon 6/6. The angled tail features finger grips for easy handling and alignment. The one-piece design, transition rails, and teeth provide a low insertion force while maintaining a high tensile strength, ensuring ease of use and durability.

TECK CONNECTORS

Tuff Seal™ Teck Cable Connectors are designed to form a watertight seal around the jacketed armored cable and at the enclosure entry. Rated NEMA 4 & IP65. Unique PowR-Lock™ Grounding Seal for superior conductivity. One-piece design that is smaller in profile & width than similar connectors for easier installation in tight spaces.

CORD GRIPS

Tuff Seal™ RSR Series Aluminum Cord Grips are UL Listed and CSA Certified for use in both indoor and outdoor applications to prevent cable pullout, control arc of bend, and to provide a tight seal against environmental elements such as dirt, moisture and coolants.

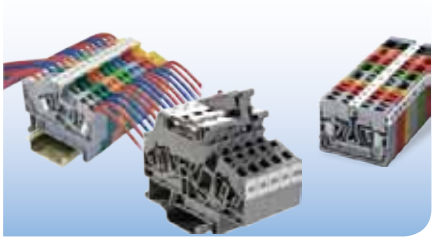
HEAT SHRINK

Techspan's heat shrinkable tubing is a general purpose heat shrink tubing made from a specially formulated, cross-linked polyolefin. It offers excellent electrical, chemical, and physical properties. This tough, flexible tubing can be used for insulation, harnessing, strain relief, and identification purposes in a variety of industrial and military applications.

MULTIPOLE CONNECTORS

Heavy duty enclosures in die-cast aluminum alloy or self-extinguishing thermoplastic. Wall mounting or bulkhead housings and hoods are available, with or without fixed covers or with mobile protection covers.

TERMINAL BLOCKS



Techspan's Screw Clamp Terminal Blocks provide maximum wiring efficiency and reliability. These Terminal Blocks provide a vibration-proof connection and the clamps do not need to be re-tightened. All the parts in the Terminal Block are captive. They have high contact force and are absolutely gas tight, thus providing a reliable electrical and mechanical connection.

PIN & SLEEVE

Watertight design and construction meet stringent IP67 internal protection standards. Rugged thermoplastic housings resist impact or abuse and provide excellent corrosion resistance. Unique strain relief grip and sealing system assure superior cable retention and watertight conductor termination. Unique 75% faster assembly with Snap-on handle locking, and cable grip system.

TECHSPAN
Strategic | Canadian | Solutions

Quality Techspan products available from Jentronics.
Contact us for a quote today!

MODE ELECTRONICS

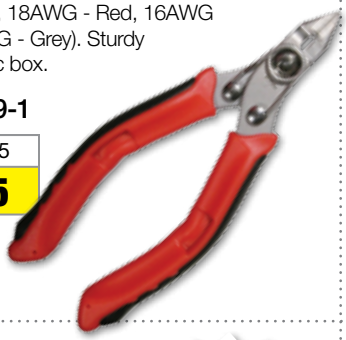
supplier of a wide range of quality electronic components

Ergonomic Stainless Steel Cutters (5½")

Contains 30 each of 6 wire sizes (24AWG - Pink, 22AWG - White, 20AWG - Blue, 18AWG - Red, 16AWG - Black, 14AWG - Grey). Sturdy reusable plastic box.

PN# 84-409-1

Reg. $16.95
$13.95



Combicutter 3 (6")

Featuring stripper, bender, cutter and crimper with a 3.5mm screw shear.

PN# 84-500-1

Reg. $18.95
$15.95

Ratcheting Ferrule Crimping Tool

Wire Ferrules are used to crimp on wire ends that are inserted into any type of terminal block. They provide a durable and reliable connection point.

Wire Sizes: 28 - 10 AWG (0.08 - 6 mm²)

PN# 84-194-1

Reg. $66.95
$56.95

SAVE $10

Aluminum Mini Table Vise

- Jaw width: 2 1/2"
- Jaw opening: 1 1/2"
- Table clamp-on
- Maximum clamp size: 2"

PN# 87-103-1

Reg. $24.95
$19.95

SAVE 20%

Electric Heat Gun

- Voltage: 120V/60Hz, 1440 W
- 2 Fan speeds: Low & High
- 2 Heat settings: Approximately 850°F on Low, 1120°F on High
- Resettable thermostat protection.

PN# 84-603-1

Reg. $61.95
$49.95

Wire Ferrule Assortment

Contains 30 each of 6 wire sizes (24AWG - Pink, 22AWG - White, 20AWG - Blue, 18AWG - Red, 16AWG - Black, 14AWG - Grey). Sturdy reusable plastic box.

PN# 73-005-1

Reg. $18.95
$15.95

45 Watt Digital Solder Station

- ESD safe
- Brass shaving tip cleaner
- Easy temperature adjustments
- Heater/sensor failure detection
- Fast heat up & recovery
- Temp. range: 150°C ~ 480°C (212°F ~ 932°F)

PN# 84-0941-1

Reg. $123.98
$98.98

SAVE 20%

Dual Heat Soldering Iron Station

- Coil spring iron holder for extra safety
- Sponge-pad tip cleaner
- Switchable 20/40 watt iron with ON/OFF switch and light
- Space saving design

PN# 84-090-1

Reg. $29.95
$19.95

SAVE $10

Get Connected
quality electonic components

In stock now at Jentronics!

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MODE ELECTRONICS

supplier of a wide range of quality electronic components

Fume Extractor

- Replaceable activated carbon filter (3 filters included)
- Effectively absorbs noxious flux and fumes
- Built in high efficiency, low noise, brushless mini fan

PN# 84-0981-1

Reg. $95.00
$79.00

Static Safe Dispenser

The Solvent Dispensers combine a stainless steel pumping mechanism that provides an exact amount of fluid in a single hand operation. The hinged lid gives protection against dust and other impurities when the unit is not in use.

8oz

PN# 87-351-0

Reg. $18.95
$14.95

4oz

PN# 87-349-0

Reg. $14.00
$10.95

Universal Switching Adapter - Regulated Output

The unit comes with an assortment of changeable plugs suitable for most requirements. The plugs can be easily changed to centre positive or negative. The output voltage is selected by a switch on the back of the adapter. Voltage Selection 3, 4.5, 6, 7.5, 9, 12VDC @ 1.7A

PN# 68-519-1

Reg. $25.95
$20.95

Switching Power Supply - Regulated Output

Input voltage of 90-240VAC 50/60Hz, Output voltage 24VDC@2A, Center positive.

PN# 68-2427PS-1

Reg. $29.95
$24.95

Home or Office Surge Arrester With Phone And Coax Protection

- Heavy Duty 6' Power Cord (14AWG x 3C)
- Telephone and Coax Line Protection
- Illuminated On-Off Power Switch/Circuit Breaker
- Surge Indicator LED
- 8 Surge Protected Outlets (3 Wide Spaced)

PN# 31-067-1

Reg. $22.60
$15.95

Plug-in AC Adapter

Input Voltage 120VAC, Output Voltage 24VAC @ 1.67A (40VA)

CSA/UL Approved wall mount adapter with screw terminal output.

PN# 68-241AS-1

Reg. $19.95
$14.95

Indoor LED Strip (White)

- Input Voltage: DC 12V Regulated
- 1 Meter Strip (60 LED's/ Strip)
- Power Dissipation: 4.8W per 1 Meter Length
- Non Water-Proof IP20

PN# 55-7060W-0

Reg. $24.95
$18.95

Outdoor LED Strip (White)

- Input Voltage: DC 12V Regulated
- 1 Meter Strip (60 LED's/ Strip)
- Power Dissipation: 4.8W per 1 Meter Length
- Waterproof IP65
- Operating Temperature: -20°C ~ 50°C

PN# 55-7160W-0

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Program items on this page expire April 30th, 2015

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Program items on this page expire June 30th, 2015

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460 201 A-AU

455 Informer-MS

777 -P2

Good

460 (DIN-rail or surface mount)
201 A-AU (8-pin socket mount)
Voltage/Phase Monitors

Cost effective option; protects 3-phase motors from:

- Over/under voltage
- Phase loss
- Reverse phase
- Unbalanced voltage
- Rapid cycling

Without protection, each of these faulty conditions can cause motor windings to overheat and burn motor insulation–causing premature motor failure.

Better

455 Voltage/Phase Monitor
Informer-MS Handheld Diagnostic Tool

Provides all the same voltage/phase protection as the 460/201A-AU, but with three added advantages:

- Second set of voltage inputs for monitoring voltage on the load-side of the motor contactor to detect contact failure.
- Keeps history of the past 20 fault causes including voltages and unbalance at the time of trip
- With optional Informer-MS, wirelessly download and view fault history, read real-time voltages per phase, voltage unbalance and more–ideal for troubleshooting

Best

777-P2 MotorSaver® (for industrial motors)
777-KW/HP-P2 PumpSaver® (for pumps)

Enhanced Overload Relay/Power Monitor, provides the same 3-phase voltage/phase protection as the 455, plus:

- Motor/pump protection from current overloads and underloads (broken shaft couplers or belts for motors and dry running for pumps)
- Current unbalance
- Ground-fault protection
- On-board display for easy programming, real-time voltage/current readings and fault codes
- Remote communications capability for connecting to a remote monitor SCADA, PLC, or PC communications network via a communications module

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Global Safety Light Curtain with Advanced Safety Functions

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- Blanking function disables specific beams of the Safety Light Curtain click" 1/8 turn quick connect M12 cables for fast installation and proper torque to ensure IP67 connection.
- Optical synchronization; no wiring between sensors
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- ST3 tip included and sponge

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Digital Soldering Station With 65W Soldering Pencil.

- WP65 24V / 65W soldering pencil, WDH10 tool stand and XNTA tip included.
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- ESD safe to protect sensitive components.

PN# WD1003

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Weller 50W Analog Soldering Station

Power Unit, Soldering Pencil, Stand, Sponge

PN# WES51

Reg. $162.00
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- Max. 30fps @ 2MP (1920x1080)
- Dual Stream(H.264, MJPEG)
- PoE or 12V DC Power
- 8 Piece IR LED Array
- IP67 Waterproof / Dustproof

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• NOW THAT INCANDESCENT BULBS ARE BANNED, WHAT DO I DO?	YOU MUST USE PL OR LED SIGNS. YOU MAY NOT INSTALL AN LED BULB INTO AN INCANDESCENT FIXTURE. IT IS A SAFETY VIOLATION.
• EXPLAIN THE NEW I.S.O. PICTOGRAM SIGN CODE?	IN ALL NEW CONSTRUCTION, YOU MUST USE THE I.S.O. PICTOGRAM, ALSO KNOWN AS THE "RUNNING MAN." FOR ALL RETROFITS WHERE YOU REQUIRE A PERMIT, YOU MUST CONVERT TO THE I.S.O. PICTOGRAM.
• WHY ARE WE SWITCHING TO THE I.S.O. PICTOGRAM?	THE I.S.O. PICTOGRAM IS USED AROUND THE WORLD AND ELIMINATES LANGUAGE BARRIERS TO IMPROVE SAFETY.
FINAL QUESTION	
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- **LLOYD’S Register of Shipping**

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